# Resource Efficiency Management (REM) Training Workshop

Register at http://www.eere.energy.gov/femp/newsevents/cfm/fullevent.cfm?calendarID=203

# 7:30 – 8:30 Breakfast – At Workshop Site

8:30 – 9:00 Welcome and Introductions

- Welcome from the Southern Co. David Dykes, Southern Company (This might be a Southern Co. or Georgia Power Representative)
- Welcome and overview/resources from DOE Lisa Hollingsworth, U.S. Department of Energy, Atlanta Regional Office
- Workshop overview, attendee introductions, workshop logistics, workshop notebooks Linda Hunter, REM, Tetra Tech Workshop Moderator

# 9:00 – 9:15 **REM Background and History**

Bill Sandusky, Pacific Northwest National Laboratory

- REM Concept Background on REM was developed
- Federal REM Players
  - Identify major players in the REM business Federal agencies, utilities, private sector
- FEMP/REM Leveraged Investment Facts
  - Number of REM programs
  - Macro cost and savings data
- FEMP/REM FY04 Activity Focus
  - Identify initiatives that FEMP will be focus on to support REM
  - Working Roles

#### 9:15 – 10:15 **REM Overview...What Is It?**

Jon Duke, REM, Tetra Tech and Ben Hough, Energy Program Manager, Tetra Tech

- Definitions
  - What is REM
  - REM Program Characteristics
- Why Hire an REM
  - Discuss regulatory, dollar saving, and resource drivers
- REM Approach
  - What REM does
- REM Services
  - Supply side services
  - Demand side services
  - New construction/retrofit services
- Typical REM Statement of Work
  - Review major scope of services Federal agencies are using
- The Ideal Facility/User
  - Customer/facility profile characteristics
  - The Ideal Resource Efficiency Manager
    - Characteristics and qualifications of an effective Resource Efficiency Manager

# 10:15 – 10:30 Break – Refreshments

# **10:30 – 11:15 REM Focus Areas**

Steve Sain, President, Sain Engineering Associates

- Energy Awareness and Training Support
  - Why implement awareness and training
  - Strategies and activities
  - Data integration
  - Example results and lessons learned
- REM Operation and Maintenance Support
  - Types of operation and maintenance opportunities
  - Low-to-no cost opportunities
  - Implementation strategies
  - Example results and lessons learned
- Project Development and Facilitation Support
  - Why develop energy projects

- Characteristics of good energy projects
- Examples of good energy projects "REM" style
- Lessons learned from the front line

#### 11:15 – 11:35 **REM Program Results and Benefits**

Jon Duke, REM, Tetra Tech and Linda Hunter, REM, Tetra Tech

- Highlights and examples from REM programs
- Summary of REM benefits

# 11:35 – 12:00 Case Study #1 – Why & How I Hired a REM for Navy Public Works Center (PWC) Jacksonville

Lee Merrill, Utility Director, Navy PWC Jacksonville

- Why & How I started a REM Program
- How we succeeded and obstacles we overcame
- Lessons learned

# 12:00 – 1:00 Lunch - On Your Own in Corporate Cafeteria

### 1:00 – 2:00 Contracting for a REM

Ed Thibodo, Naval Facilitates Engineering Command, Southwest Division

- How to Get Started
  - Define the need
  - Investigate fit of REM concept
  - Obtain management buy-in
  - Prepare statement of work
  - Identify funding alternatives
- Contract Vehicles
  - GSA, UESC/BPA, Direct contract, and Alternative options
- Contract Basics
  - Price, Duration of contract, and Deliverables

#### 2:00 – 2:30 Sustaining an REM Program

Linda Hunter, REM, Tetra Tech

- Planning for Program Renewal
  - Contract vehicle
  - Customer service
  - Documented results, "Scorecard/Measured Results"
- Defining Program Success
  - Establish expectations
  - Return on investment
  - Value added services
- Lessons Learned
  - Duration of contract and Deliverables

## 2:30 – 2:45 **Break** – **Refreshments**

4:15-4:30

#### 2:45 – 3:30 Case Study #2 – REM Synergy with Alternative Financing Programs

Steve Sain, President, Sain Engineering Associates

- Retained Savings at U. S. Army Fort Bragg

Nancy Varner, REM, Sain Engineering Associates

- Savings Verification at U. S. Army Fort Polk

John Nixon, REM, Sain Engineering Associates

- Refinancing at Navy PWC Jacksonville

#### 3:30 – 4:15 **Ouestion and Answer Panel Discussion**

Lee Merrill, Utility Director, Navy PWC Jacksonville

Bill Sandusky, Pacific Northwest National Laboratory

Ed Thibodo, Naval Facilitates Engineering Command, Southwest Division

Steve Sain, Sain Engineering Associates

Ben Hough, Energy Program Manager Tetra Tech and Jon Duke, REM, Tetra Tech

# Moderator: Linda Hunter, REM, Tetra Tech Conclusion/Evaluation/Closing Comments

Lisa Hollingsworth, U.S. Department of Energy, Atlanta Regional Office

Linda Hunter, REM Tetra Tech

#### 6:00 – 8:00 Networking Dinner - To Be Determined